

FIG. 1

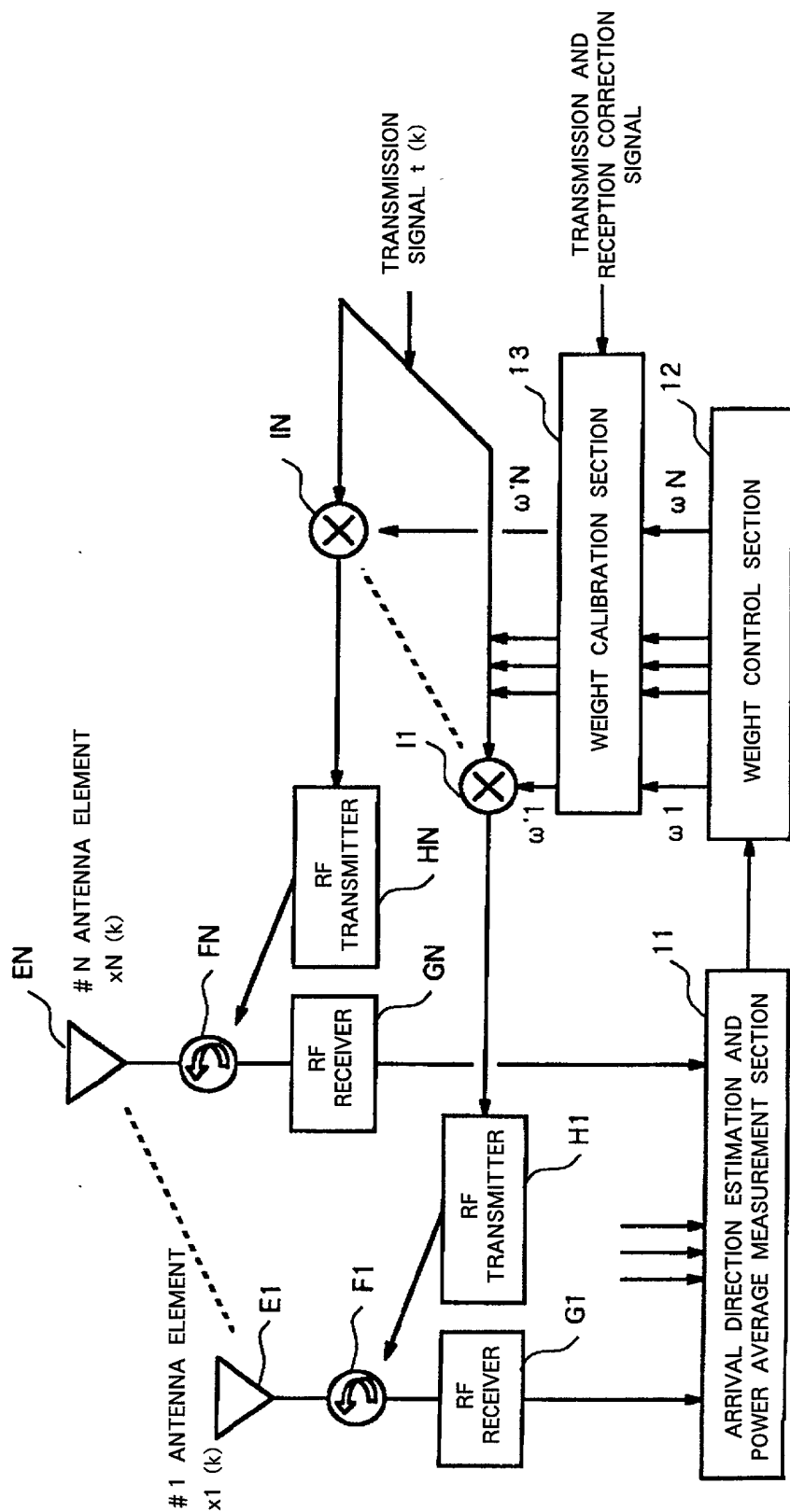


FIG. 2

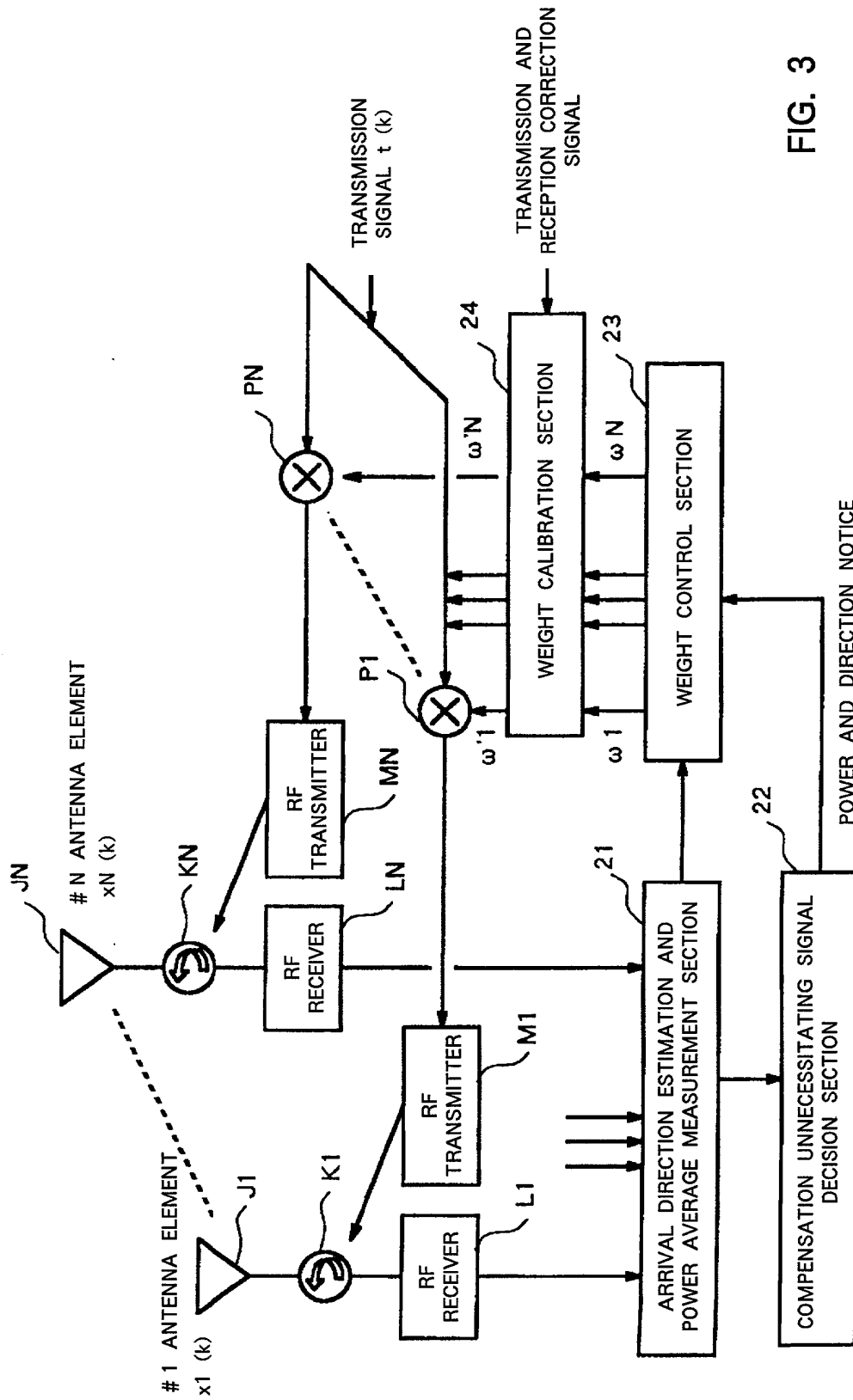
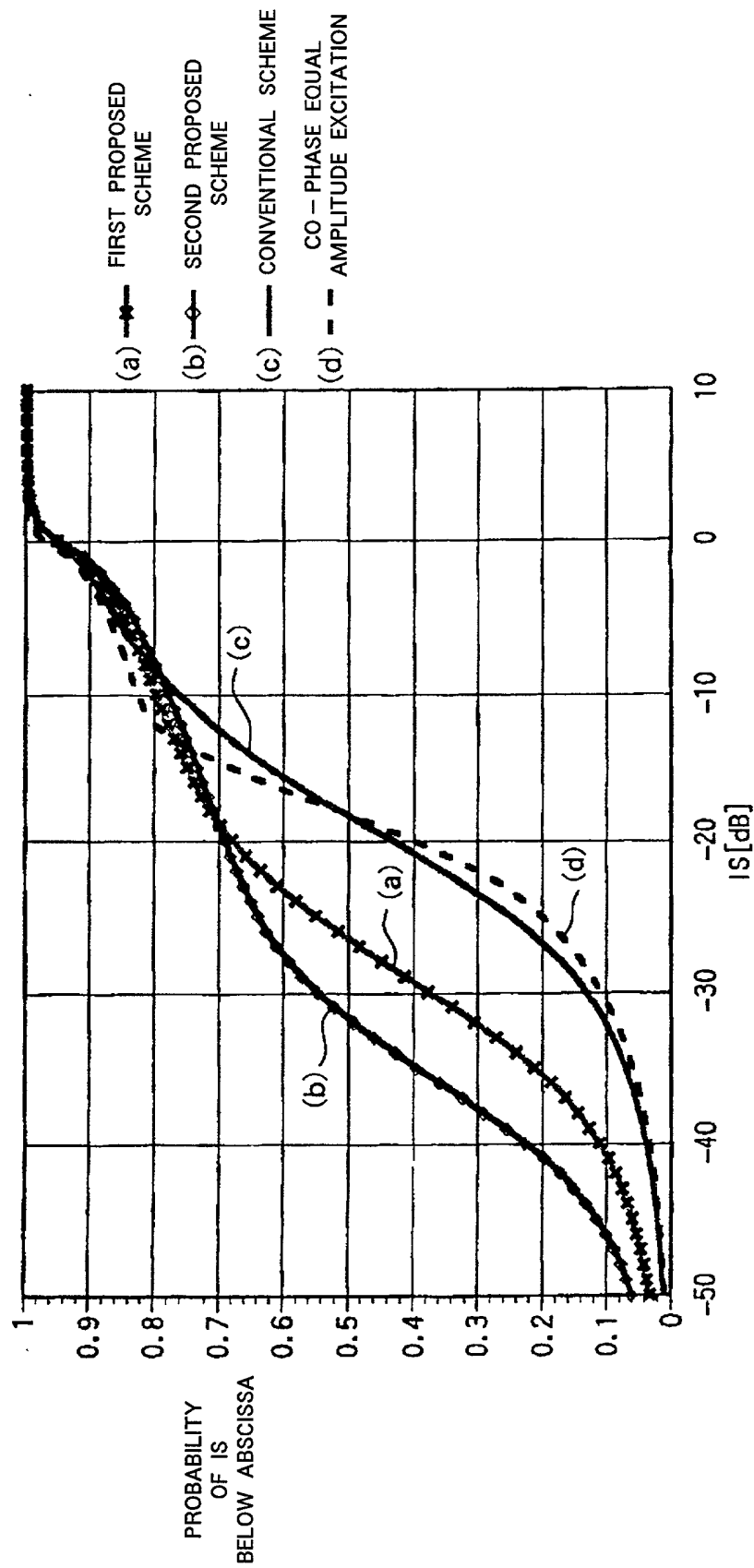


FIG. 3

EXCITATION SCHEME	AIS
SECTOR ANTENNA	- 1.85dB
CO - PHASE EQUAL AMPLITUDE EXCITATION	- 18.9dB
CONVENTIONAL SCHEME	- 19.1dB
FIRST PROPOSED SCHEME	- 25.1dB
SECOND PROPOSED SCHEME	- 28.9dB

FIG. 4



IS ACCUMULATED FREQUENCY DISTRIBUTION

FIG. 5

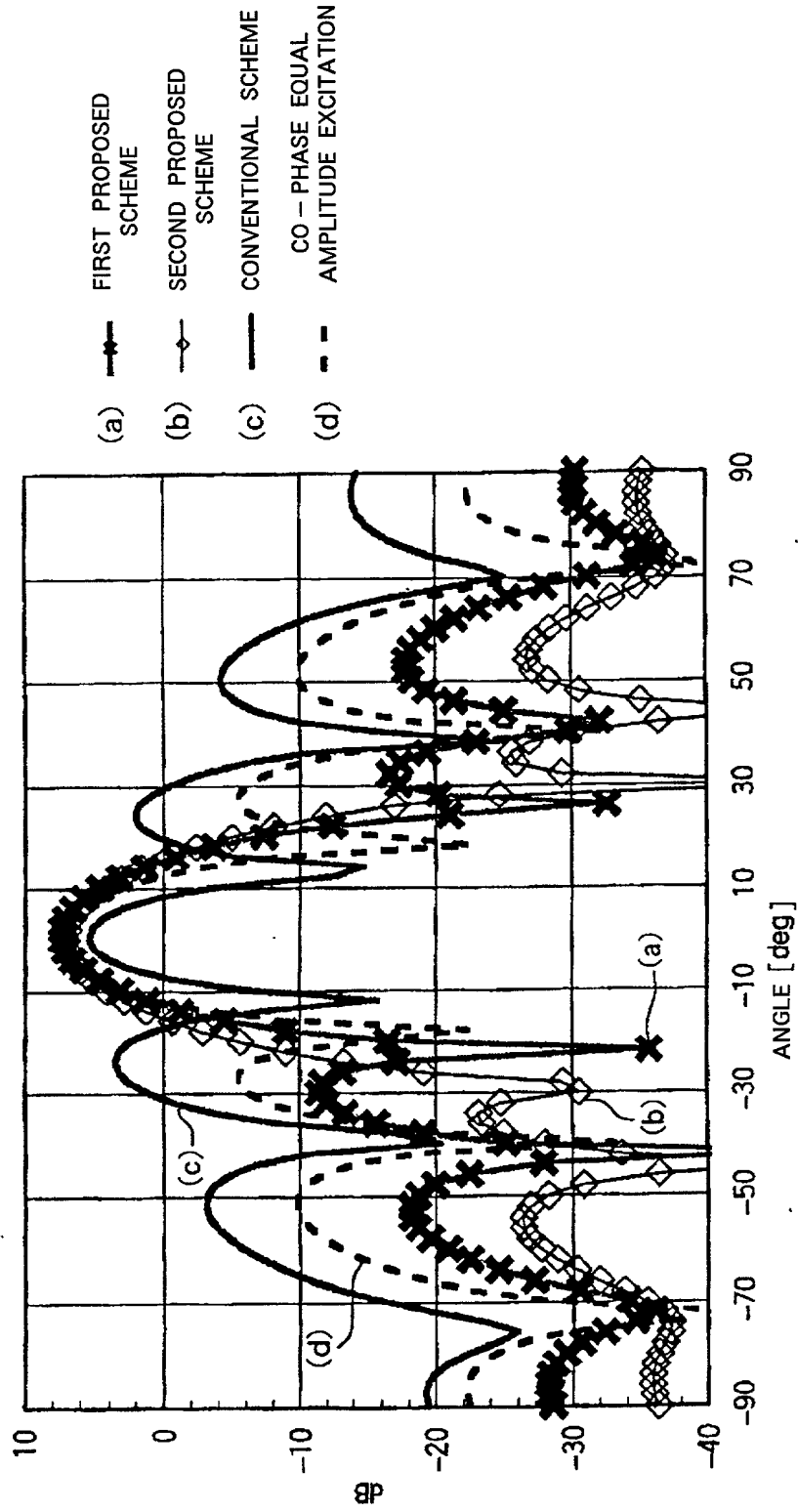
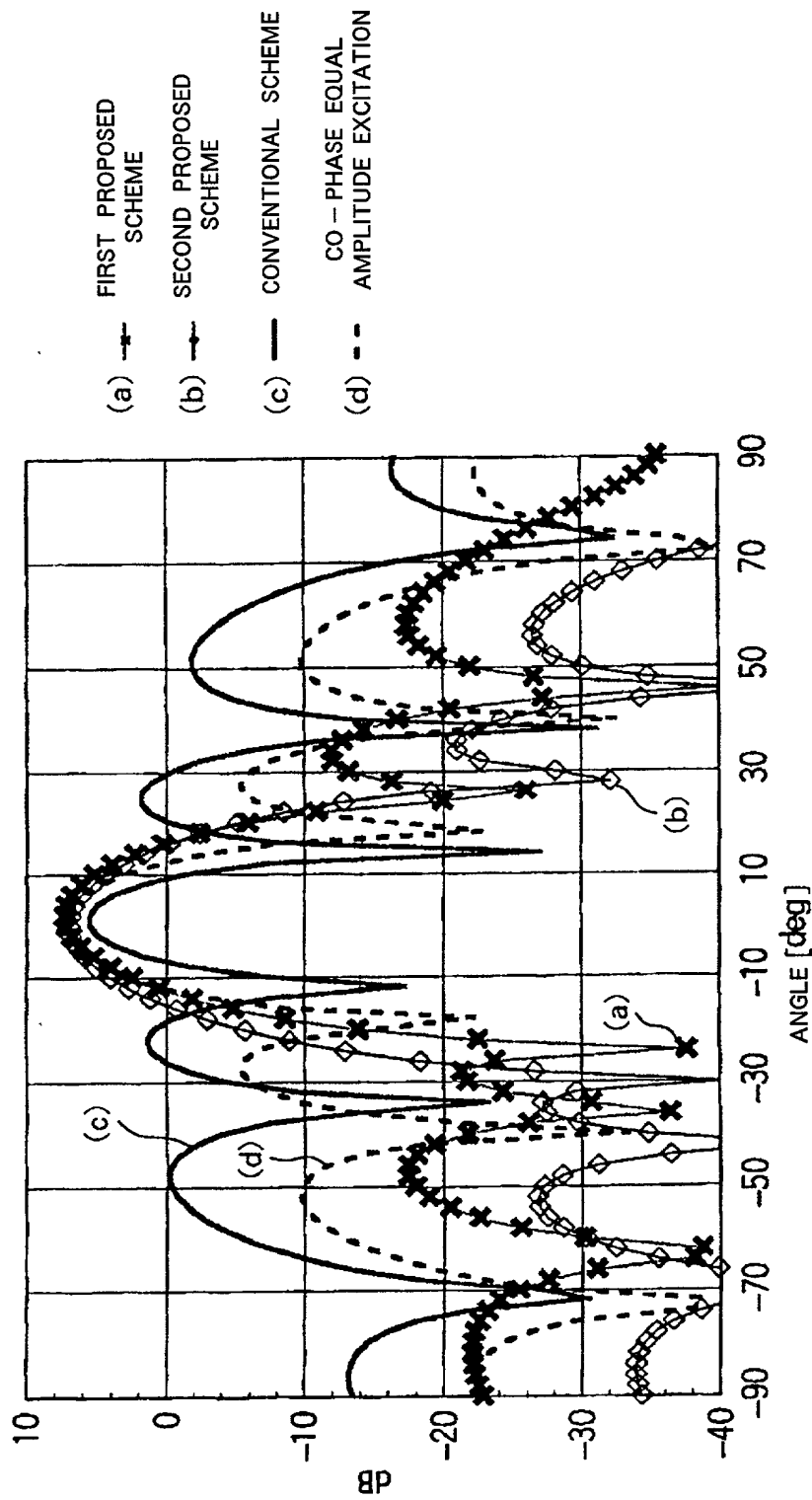


FIG. 6

FAST 0 DEGREE USER DIRECTIVITY PATTERN



FAST 0 DEGREE USER DIRECTIVITY PATTERN
(DISPOSITION INCLINED TO VICINITY OF -20 DEGREE)

FIG. 7